

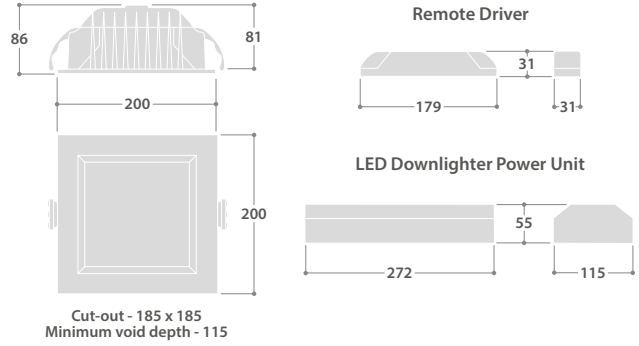
# G4: LR

## PERFORMANCE GUIDE

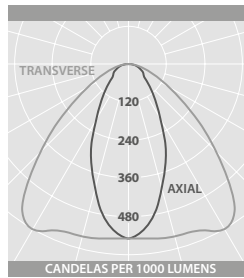
Typical task area illuminance assuming an open area with good reflection factors, 0.85 maintenance factor and a 2.65 metre ceiling height.

	LED	SPACING (Metres)	LUX AVERAGE 70/50/20	LUX AVERAGE 80/60/30
<b>CORRIDOR LENS</b>	11W	4.2	100	120
		5.4	80	90
	22W	4.2	180	210
		5.4	150	170
<b>AREA LENS</b>	11W	1.8 x 2.4	310	350
		2.4 x 2.4	160	290
		2.4 x 3.0	210	230
	22W	3.0 x 3.0	170	190
		1.8 x 2.4	560	620
		2.4 x 2.4	460	510
<b>LOW GLARE LENS</b>	11W	2.4 x 3.0	360	410
		3.0 x 3.0	300	340
		1.8 x 2.4	170	190
	22W	2.4 x 2.4	140	150
		2.4 x 3.0	110	120
		3.0 x 3.0	90	100
	11W	1.8 x 2.4	300	330
		2.4 x 2.4	240	270
	22W	2.4 x 3.0	190	210
		3.0 x 3.0	160	180

## DIMENSIONS

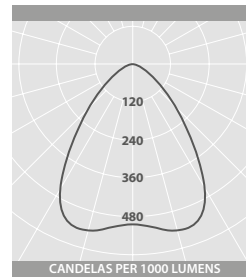


## PHOTOMETRIC GUIDE



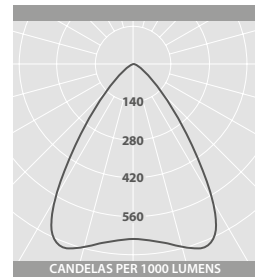
### CORRIDOR - PLAIN

Luminaire Lumen Output  
11W = 1310lm  
22W = 2330lm



### GENERAL AREA - PLAIN

Luminaire Lumen Output  
11W = 1370lm  
22W = 2435lm



### LOW GLARE LENS - PLAIN

Luminaire Lumen Output  
11W = 715lm  
22W = 1270lm



## SQUARE LIGATURE-RESISTANT RECESSED LED DOWNLIGHTERS

IP20 ABOVE CEILING IP40 BELOW CEILING



### SPECIFICATION

- Steel frame finished full polyester non-yellowing satin white (RAL 9016)
- Injection moulded reflector
- Choice of optics optimised for general area, corridor and low glare (VDT)
- Clear 4mm thick polycarbonate front cover
- Die-cast sprung suspension arms for rapid installation
- Supplied with remote gear unit fitted with 2m lead
- Cover secured using tamper-resistant pin Torx screws (Requires T20 tool - see Accessories table below)
- Optional reinforcing board with centre cut aperture
- 11W and 22W very high efficiency versions
- Fitted with 4000K LEDs

### RANGE

LED	GENERAL AREA VERSION	CORRIDOR VERSION	LOW GLARE VERSION	APPROX. kg	CIRCUIT
11W	<b>GF 19520</b>	<b>GF 19522</b>	<b>GF 19524</b>	2.6	L/A
22W	<b>GF 19521</b>	<b>GF 19523</b>	<b>GF 19525</b>	2.6	L/A

**CIRCUIT TYPE** - suffix catalogue number with:

**L** - non-dimming (LED) / **A** - dimming (DALI) e.g. **GF 16359L** etc.

**EMERGENCY VERSION** - prefix catalogue number with:

**EGF** - Emergency / **TGF** - AutoTest e.g. **EGF 16359L** etc.

Add 0.3kg to weights listed.

### ACCESSORIES

DESCRIPTION	CAT. No.	APPROX. kg
597 x 597mm ceiling reinforcing board <i>(3mm thick plywood with 185 x 185mm central cut-out)</i>	<b>GF 15145</b>	0.55
T20 pin Torx bit <i>(Suitable for magnetic bit holder)</i>	<b>KEY 16975</b>	-

### LED CHARACTERISTICS

CRI	<b>80+</b>
COLOUR TEMPERATURE	<b>4000K</b>
RATED LIFE (HOURS)	<b>100K - L80/B10</b>
PROTECTION	<b>LUX GUARD</b>
DRIVER EFFICIENCY	<b>&gt;85%</b>
REPLACEABLE	<b>YES</b>
POWER FACTOR	<b>&gt;0.9</b>
<b>LL/CW</b>	<b>105.4</b>

For LED characteristics explanation see [www.thorlux.com/led-guide](http://www.thorlux.com/led-guide)